

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("4862283").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/20 09:12
L2	19	("4194221" "4251837" "4403257" "4447830" "4547811" "4554593" "4577235" "4630125" "4668995" "4686579" "4709274" "4729035").PN. OR ("4862283").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 09:24
L3	116	("4403257" "4414581" "4442544" "4447830" "4449150" "4475127").PN. OR ("4547811").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 10:05
L4	2	("6175659").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/20 10:22
L5	2	("5548415").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/20 10:22
S1	38742	(edge or boundary)with pixels	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/22 09:21
S2	30619	(density or intensity)with (determinat\$3 or judg\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/22 09:26
S3	1239	S1 and S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/22 09:23

EAST Search History

S4	18318	(text or background) with pixels	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/22 09:24
S5	368	S3 and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/22 09:24
S6	421	threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/22 09:24
S7	704426	threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/22 09:25
S8	1	S5 and S6 and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/22 09:25
S9	39005	(density or intensity)with (determinat\$3 or judg\$4 or distinguish\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/22 09:27
S10	1561	S1 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/22 09:27
S11	457	S4 and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/22 09:27

EAST Search History

S12	387	S7 and S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/22 09:31
S13	828	pixel near (classification or classifier)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/22 09:32
S14	32	S12 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/22 09:32
S15	11	("4809349" "5034986" "5390264" "5819035" "5914748" "6005582" "6011595").PN. OR ("6707940").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/22 09:38
S16	9	("5764803" "5781198" "5852673" "6249613" "6301385" "6697072" "6707939" "6707940" "6819796").PN. OR ("6909806").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/22 09:41
S17	16	("4530004" "4538187" "4562484" "4654484" "4675721" "4982288" "5267333" "5612748" "5644406" "5706368" "6205255" "6594385" "RE33632").PN. OR ("6707939").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/22 09:43
S18	17	("5131057" "5218350" "5293579" "5396584" "5657430" "5771107" "5818953" "5844614").PN. OR ("6608942").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/22 09:46
S19	13	("4742556" "5023919" "5237316" "5418574" "5844614" "5850294" "5883971" "5909249" "6229578" "6246783" "6259822" "6473092" "6608942").PN. OR ("7155067").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/22 10:38
S20	29	("5379122" "5608652").PN. OR ("5850294").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/22 09:49

EAST Search History

S21	5	("5850294" "5852475" "5920356").PN. OR ("6236763").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/22 09:51
S22	19	("20020097439" "5327257" "5757977" "5774599" "5802218" "5818972" "5819035" "5822467" "5850294" "5852475" "5883983" "6044182" "6141446" "6226050" "6236763" "6259823" "6360024" "6539060" "6665346").PN. OR ("7003173").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/22 09:51
S23	3	("2002/0097439").URPN.	USPAT	OR	ON	2007/01/22 09:53
S24	3714	382/273,275,274,271,266,264,263,256,258.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/22 10:39
S25	8064	pixel adj density	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/22 10:40
S26	196	S24 and S25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/22 10:40
S27	704431	threshold	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/22 10:40
S28	143	S26 and S27	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/22 10:40
S29	13	("4876610" "5014333" "5051844" "5070413" "5317653" "5339171").PN. OR ("5627659").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/22 10:48

EAST Search History

S30	21	("4510618" "4827533" "4833723" "4953114" "5091972" "5533149" "5563963" "5594816").PN. OR ("5768440").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/22 10:53
S31	5	("5142589" "5335292" "5710830").PN. OR ("6081626").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/22 10:58
S32	1	("2002/0008879").URPN.	USPAT	OR	ON	2007/01/22 11:03
S33	0	("2004/0052428").URPN.	USPAT	OR	ON	2007/01/22 11:15
S34	7	("4442544" "4468704" "5517335" "5778092" "6243499" "6731800").PN. OR ("6842541").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/22 11:17
S35	60	weak adj enhance\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/22 12:50
S36	25	(US-20030007183-\$ or US-20020150292-\$ or US-20020008879-\$ or US-20020097439-\$).did. or (US-6978045-\$ or US-6842541-\$ or US-6501566-\$ or US-6289136-\$ or US-6081626-\$ or US-5768440-\$ or US-5689590-\$ or US-5627659-\$ or US-5345517-\$ or US-4734784-\$ or US-7155067-\$ or US-6839454-\$ or US-6707940-\$ or US-6608942-\$ or US-6707939-\$ or US-7003173-\$ or US-6236763-\$ or US-6229578-\$ or US-5757977-\$ or US-5844614-\$ or US-5850294-\$).did.	US-PGPUB; USPAT	OR	ON	2007/01/22 12:51
S37	0	S35 and S36	US-PGPUB; USPAT	OR	ON	2007/01/22 12:51
S38	96	enhancing adj pixels	US-PGPUB; USPAT	OR	ON	2007/01/22 12:52
S39	0	weak near S38	US-PGPUB; USPAT	OR	ON	2007/01/22 12:52
S40	9	("4885688" "4920573" "4984159" "5283837").PN. OR ("5754618").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/22 12:58
S41	9	("5218649" "5327509").PN. OR ("5812702").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/22 13:08

EAST Search History

S42	2	"US 20040052428"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/01/22 14:29
S43	27490	pixel and detection and density	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/01/22 14:29
S44	13090	pixel and detection and density and threshold	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/01/22 14:30
S45	299	(pixel and detection) with (density and threshold)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/01/22 14:30
S46	22	("4101961" "4692864" "4771792" "5072384" "5107838" "5139020" "5188106" "5239591" "5274549" "5377279" "5457754").PN. OR ("5680471").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/22 14:55
S47	2	("6175659").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/23 10:59
S48	355994	takashi.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 11:00
S49	0	takashi,ebishawa.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 11:00
S50	0	takashi,e.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 11:00

EAST Search History

S51	0	ebishawa.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 11:13
S52	2600	ebisawa.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 11:14
S53	355994	takashi.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 11:14
S54	201	S52 and S53	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 11:14
S55	9831	(comparat\$2 or threshold or difference or discrimina\$4) near10 ((background or white) and (foreground or text or black))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/16 10:37
S56	2274093	density or (gray adj scale) or histogram or intensit\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/16 10:38
S57	5983	S55 and S56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/16 10:38
S58	268468	(discriminat\$3 or different\$4 or delineate) near10 (background and foreground) or (black and white) or (text and (non adj text))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/16 10:41

EAST Search History

S59	40698	S58 and threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/16 10:41
S60	8779	((discriminat\$3 or different\$4 or delineate) near10 (background and foreground) or (black and white) or (text and (non adj text))).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/16 10:42
S61	33529	((discriminat\$3 or different\$4 or delineate) near10 (background and foreground) or (black and white) or (text and (non adj text))).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/16 10:42
S62	2039	S60 and S61	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/16 10:42
S63	520	S62 and threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/16 10:42
S64	1	density adj judgement adj section	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/16 10:43
S65	0	(gray adj scale) adj judgement adj section	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/16 10:44
S66	153	((gray adj scale) or intensity) near10 judge\$4).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/16 10:50

EAST Search History

S67	7	(discriminat\$3 near10 (text and background)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/16 10:59
S68	10	("5134666" "5134667" "5189523" "5513277" "5613015" "5696842" "5774578").PN. OR ("6266439").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/16 10:53
S69	1525	((text and background)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/16 10:59
S70	4422	((text and background)).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/16 10:59
S71	207	S69 and S70	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/16 10:59
S72	11	("4103287" "4107648" "5093868" "5384864" "5410611" "5640466").PN. OR ("5999647").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/16 11:11
S73	4	("5949555").PN. OR ("6327382").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/16 11:25
S74	5	("5737438" "5767978" "5956468" "6453074" "6504955").PN. OR ("6973213").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/16 11:45
S75	2947	((relavant or target or object) near10 density).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/16 11:47

EAST Search History

S76	18	thin near2 pixel and S75	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/16 11:54
S77	45	thin near2 image and S75	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/16 11:54
S78	20	("4292622" "4298895" "4747156" "4996603" "5054099" "5121222" "5371606" "5408338" "5467410" "5485288" "5548415" "5604596" "5680529" "5751854").PN. OR ("5946416"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/16 11:57
S79	11	("5095328" "5153925").PN. OR ("5548415").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/16 11:59
S80	43	("20020031263" "4053737" "4733252" "4823151" "4989019" "4996603" "5014124" "5029108" "5274428" "5335292" "5387983" "5390262" "5396584" "5422736" "5432535" "5438651" "5459587" "5473444" "5548415" "5619334" "5619592" "5696842" "5745153" "5764377" "5781659" "5859928" "5872573" "5892852" "5911004" "5956156" "5956468" "6014462" "6026184" "6038340" "6167163" "6167166" "6227725" "6272240" "6360009" "6480196" "6519362" "6529643" "6556311").PN. OR ("6750986"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/16 12:00
S81	0	compar\$4 near10 (character and background) adj pixels	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 09:52

EAST Search History

S82	365	compar\$4 near10 (character and background)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 09:52
S83	18206	thin\$3 adj line	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 10:05
S84	14	S82 and S83	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 09:52
S85	2435654	thin\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 09:58
S86	85	S82 and S85	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 09:58
S87	16851	thin adj line	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 10:05
S88	13	S82 and S87	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 10:05
S89	11	("4847641" "5005139" "5257116" "5299308" "5341153" "5486927" "5559530" "5862257" "6040911" "6408109" "6597363").PN. OR ("6978045").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/18 10:38

EAST Search History

S90	820	(edge or boundar\$3 or text or object or relavant) near10 (lower adj threshold)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 10:49
S91	342	comparing and S90	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 10:40
S92	548777	character and background	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 10:53
S93	99	S91 and S92	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 10:41
S94	453	(edge or boundar\$3) near10 (lower adj threshold)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 10:50
S95	89	S92 and S94	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 10:50
S96	838774	comparing nera10 (character with background)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 10:54

EAST Search History

S97	350	S90 and S96	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 10:54
S98	0	S90 and "2927" and S97	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 10:55
S99	187	S94 and S97	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 11:01
S10 0	4581	(edge or boundar\$3) near (character or text)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 11:02
S10 1	5030687	comparing or determin\$5 or discrimin\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 11:03
S10 2	3424	S100 and S101	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 11:03
S10 3	77488	(comparing or determin\$5 or discrimin\$5) near10 (text or character)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 11:05

EAST Search History

S10 4	2087	S100 and S103	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 11:05
S10 5	9296	edge near pixels	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 11:05
S10 6	369	S104 and S105	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 11:05
S10 7	667954	object same edge	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 11:06
S10 8	137	S106 and S107	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 11:06
S10 9	19	("4194221" "4251837" "4403257" "4447830" "4547811" "4554593" "4577235" "4630125" "4668995" "4686579" "4709274" "4729035").PN. OR ("4862283").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/18 11:08
S11 0	10	("4856075" "4862283" "4974171" "4996603" "5239390").PN. OR ("6175425").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/18 11:13
S11 1	18	("5032903" "5047844" "5134667" "5251023" "5392365" "5398124" "5408343").PN. OR ("5850293").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/18 11:21
S11 2	11	("5208663" "5477346" "5659407" "5850293").PN. OR ("6473202"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/18 12:13

EAST Search History

S11 3	11	weak\$2 near10 (edge adj enhanc\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 12:16
S11 4	7154	weak\$2 near10 (edge)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 12:16
S11 5	1648	weak\$2 near (edge or boundar\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 12:16
S11 6	61	(weak\$2 near (edge or boundar\$3)) same enhancement	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 12:17
S11 7	37	("4811239" "4888646" "5020121" "5073953" "5101438" "5121224" "5148495").PN. OR ("5331442").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/18 12:19
S11 8	0	(target and edge and text and object and relavant) near10 background	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 13:37
S11 9	62949	(target or edge or text or object or relavant) near10 background	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 13:38

EAST Search History

S12 0	7065	(edge) near10 background	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 13:38
S12 1	492	densit\$3 same S120	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 13:39
S12 2	2751	weak\$2 same enhancement	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 13:45
S12 3	4	S121 and S122	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 13:40
S12 4	20	(weak\$2 same enhancement) near10 threshold	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 13:47
S12 5	29	(weak\$2 same enhancement) near15 threshold	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 13:54
S12 6	2751	(weak\$2 same enhancement)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 13:54

EAST Search History

S12 7	2054	(weak\$2 same enhancement) and (differenc\$3 or comparison or comparing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 13:55
S12 8	1149	S127 and density	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 13:55
S12 9	15	S127 and (pixel adj densit\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 15:03
S13 0	156	(first and second and third and fourth) near (mean or average)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 15:05
S13 1	92	((first and second and third and fourth) near (mean or average)). clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 15:14
S13 2	7	S131 and gray	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 15:15
S13 3	727	gray near10 percentage	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 15:16

EAST Search History

S13 4	1	gray near10 (cutoff adj percentage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 15:17
S13 5	65	(gray near10 percentage).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 15:22
S13 6	25735	(variable or adaptive) near10 threshold	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 15:23
S13 7	8634	(average or mean) near10 (gray or histogram)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 15:24
S13 8	28	S136 with S137	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 16:13
S13 9	1	thin-line-detection	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 16:13
S14 0	856	thin-line	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 16:22

EAST Search History

S14 1	21	background and nonbackground	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 16:19
S14 2	794	one adj pixel adj width	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 16:20
S14 3	3	S140 and S142	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 16:20
S14 4	127	thin-line and threshold	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 16:22